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AMENDED CLAIMS [received at the International Office on the 9th February 2004 (09.02.04) original claim 1 replaced by amended claim 1, claim 3 deleted (1 pages)]

1. Process for the melt spinning of PES microfilaments with a titre of not more than 0.7 dtex,

characterised in that

the microfilaments are spun as partially oriented yam (POY) at spinning speeds from 2250 to 3300 m/min from the melt of a polyester with reduced relative solution viscosity compared with PES fibre spinning grades with relative solution viscosities of between 1.60 and 1.65 as a function of their titre, wherein the relative solution viscosity reduced as a function of titre is determined according to the formula

eta rei = $(0.1052 \times InX) + 1.649$,

where X is the filament titre in dtex,

and wherein the spin performance of defined filament titres can be realised with a breadth of fluctuation of relative solution viscosity of \pm 0.05.

- Process according to claim 1, characterised in that the polyester melt is polyethylene terephthalate.
- 3. deleted.
- 4. Process according to claim 2 or 3, characterised in that the reduced relative solution viscosity of the polyethylene terephthalate melt is adjusted by adding and homogeneously mixing in at least one viscosity-regulating additive.

AMENDED SHEET (ARTICLE 19)